

Amendments to the Claims:

The following listing of claims replaces all prior listings of claims:

Listing of Claims:

1-3. (Canceled).

4. (Currently Amended) The method of claim 34 3, wherein cloning the stored scripting object to the new document comprises:

creating a new scripting object in the new document; and

copying data from the stored scripting object to the new scripting object.

5-6. (Canceled).

7. (Currently Amended) The method of claim 34 3, wherein the request to load the new document comprises a client event triggered by a user.

8. (Currently Amended) The method of claim 34 3, wherein the state information retained in the scripting object comprises user navigation information associated with the original document, and the original document comprises a portal page in a portal system.

9. (Currently Amended) The method of claim 34 4, further comprising, in response to the request to load the new document, invoking a new browser instance to load the new document.

10. (Currently Amended) The method of claim 34 4, wherein cloning the stored scripting object to the new document comprises recursively cloning internal objects of the stored scripting object.

11. (Currently Amended) An article comprising a tangible machine-readable medium storing instructions operable to cause one or more machines to perform operations comprising:

storing, in a shared memory of a client, a scripting object that retains state information for an original document, the storing comprising copying a reference to the scripting object to the shared memory to cause retention of the scripting object by the client during document loading, the copying comprising selecting the shared memory based on the original document and copying the reference to the scripting object to the selected shared memory, the selecting the shared memory comprising selecting a parent document memory space in a browser if the original document is a frame in the parent document the scripting object sending the state information to a server each time an action at the client changes the state information; and

in response to a request to reload a new document, the new document being previously loaded, cloning the stored scripting object to the new document by creating a new scripting object in the new document and copying data from the stored scripting object to the new scripting object.

12-13. (Canceled).

14. (Currently Amended) The article of claim 113, wherein cloning the stored scripting object to the new document comprises:

creating a new scripting object in the new document; and
copying data from the stored scripting object to the new scripting object.

15-16. (Canceled).

17. (Original) The article of claim 13, wherein the request to load the new document comprises a client event triggered by a user.

18. (Currently Amended) The article of claim 11, wherein the state information retained in the scripting object comprises user navigation information associated with the original document, and the original document comprises a portal page in a portal system.

19. (Original) The article of claim 11, further comprising, in response to the request to load the new document, invoking a new browser instance to load the new document.

20. (Original) The article of claim 11, wherein cloning the stored scripting object to the new document comprises recursively cloning internal objects of the stored scripting object.

21. (Previously Presented) A system comprising:
a portal that sends portal pages to a client; and
a portal page generated by the portal and sent to the client, the portal page having scripting code that creates a scripting object at the client, the scripting object representing a navigation control and retaining navigation information associated with the portal page, the scripting object sending the state information to a server each time an action at the client changes the state information,

wherein, in response to a navigation event generated using the navigation control, the scripting code causes the client to perform operations comprising:
copying a reference to the scripting object to a shared memory of the client to cause the client to store the scripting object during a page load, and
cloning the stored scripting object to the loaded page;

wherein copying the reference to the scripting object to the shared memory comprises:

selecting the shared memory based on the portal page; and

copying the reference to the scripting object to the selected shared memory.

wherein selecting the shared memory comprises:

selecting a parent document memory space in a browser if the portal page is a frame in the parent document; and

selecting a memory space of another browser instance if the portal page is a top level in the browser.

22. (Original) The system of claim 21, wherein the loaded page comprises instructions to adjust the cloned scripting object.

23. (Original) The system of claim 21, wherein cloning the stored scripting object to the loaded page comprises:

creating a new scripting object in the loaded page; and

copying data from the stored scripting object to the new scripting object.

24-25. (Canceled).

26. (Original) The system of claim 21, wherein cloning the stored scripting object to the loaded document comprises recursively cloning internal objects of the stored scripting object.

27. (Original) The system of claim 21, wherein the scripting object includes an initialization procedure that implements the cloning of the stored scripting object to the loaded page.

28. (Original) The system of claim 21, wherein the client comprises a Web browser that presents the portal page.

29-33. (Canceled).

34. (Previously Presented) A method comprising:
storing, in a shared memory of a client, a scripting object that retains state information for an original document, the storing comprising copying a reference to the scripting object to the shared memory to cause retention of the scripting object by the client during document loading, the copying comprising selecting the shared memory based on the original document and copying the reference to the scripting object to the selected shared memory, the selecting the shared memory comprising selecting a parent document memory space in a browser if the original document is a frame in the parent document; and
in response to a request to reload a new document, the new document being previously loaded, cloning the stored scripting object to the new document by creating a new scripting object in the new document and copying data from the stored scripting object to the new scripting object.

35. (Previously Presented) A method comprising:
storing, in a shared memory of a client, a scripting object that retains state information for an original document, the storing comprising copying a reference to the scripting object to the

shared memory to cause retention of the scripting object by the client during document loading, the copying comprising selecting the shared memory based on the original document and copying the reference to the scripting object to the selected shared memory, the selecting the shared memory comprising selecting a memory space of another browser instance that is related to the original document if the original document is a top level in the browser; and

in response to a request to reload a new document, the new document being previously loaded, cloning the stored scripting object to the new document by creating a new scripting object in the new document and copying data from the stored scripting object to the new scripting object.

36. (New) An article comprising a tangible machine-readable medium storing instructions operable to cause one or more machines to perform operations comprising: storing, in a shared memory of a client, a scripting object that retains state information for an original document, the storing comprising copying a reference to the scripting object to the shared memory to cause retention of the scripting object by the client during document loading, the copying comprising selecting the shared memory based on the original document and copying the reference to the scripting object to the selected shared memory, the selecting the shared memory comprising selecting a memory space of another browser instance that is related to the original document if the original document is a top level in the browser; and

in response to a request to reload a new document, the new document being previously loaded, cloning the stored scripting object to the new document by creating a new scripting object in the new document and copying data from the stored scripting object to the new scripting object.

37. (New) An apparatus comprising:

means for storing, in a shared memory of a client, a scripting object that retains state information for an original document, the storing comprising copying a reference to the scripting object to the shared memory to cause retention of the scripting object by the client during document loading, the copying comprising selecting the shared memory based on the original document and copying the reference to the scripting object to the selected shared memory, the selecting the shared memory comprising selecting a memory space of another browser instance that is related to the original document if the original document is a top level in the browser; and means for cloning the stored scripting object to the new document, in response to a request to reload a new document, the new document being previously loaded, by creating a new scripting object in the new document and copying data from the stored scripting object to the new scripting object.

38. (New) An apparatus comprising:

means for storing, in a shared memory of a client, a scripting object that retains state information for an original document, the storing comprising copying a reference to the scripting object to the shared memory to cause retention of the scripting object by the client during document loading, the copying comprising selecting the shared memory based on the original document and copying the reference to the scripting object to the selected shared memory, the selecting the shared memory comprising selecting a memory space of another browser instance that is related to the original document if the original document is a top level in the browser; and

means for cloning the stored scripting object to the new document, in response to a request to reload a new document, the new document being previously loaded, by creating a new scripting object in the new document and copying data from the stored scripting object to the new scripting object.